Patent claims:

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- 1. A miniaturized microtiter plate which has a body made of plastic and a base made of glass, and has 1000 to 4000 vessels (wells) (3), the diameter of the vessels (wells) (d) is 1.0 to 1.8 mm, the base of the microtiter plate (2) has a thickness of 0.07 0.2 mm, the distance between the center of the outer vessels (wells) and the edge of the glass base is 4 to 11 mm, and the microtiter plate has a lid (4) to prevent evaporation.
- 10 2. A miniaturized microtiter plate as claimed in claim 1, which has 1400 to 2500 vessels (wells), the diameter of the vessels is 1.2 to 1.5 mm, and the base of the microtiter plate has a thickness of 0.12 to 0.17 mm.
- 3. A miniaturized microtiter plate as claimed in claim 1 and/or 2, which 15 has 1536 vessels (wells).
 - 4. A miniaturized microtiter plate as claimed in claims 1 to 3, wherein the base of the microtiter plate has a thickness of 0.15 mm.